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# PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Patent Number  
**10688820**

## APPLICATION AS FILED - PART I

FOI#	NUMBER FILED (Column 1)	NUMBER ENTERED (Column 2)
BASIC FEE (37 CFR 1.101)(b)(1) or (c)		
SEARCH FEE (37 CFR 1.102)(b), (1) or (b)(2)		
EXAMINATION FEE (37 CFR 1.102)(b), (1) or (b)(2)		
TOTAL CLAIMS (37 CFR 1.101)(b)		number 20
INDEPENDENT CLAIMS (37 CFR 1.101)(b)		number 3
APPLICATION SIZE FEE (37 CFR 1.16(a)(1))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(a).	
MULTIPLE DEPENDENT CLAIM FEE (37 CFR 1.16(b))		

### SMALL ENTITY

RATE (%)	FEE (\$)
150	
25	
100	
TOTAL	

OR

### OTHER THAN SMALL ENTITY

RATE (%)	FEE (\$)
300	
50	
200	
TOTAL	

\* If the difference in column 1 is less than 20%, enter "0" in column 2

## APPLICATION AS AMENDED - PART II

AMENDMENT A	Column 1	Column 2	Column 3
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT FEE
7-8-06			
Total	22	22	
Independent	3	3	
Application Size Fee (37 CFR 1.16(a))			
FIRST PRESENTED CLAIM NUMBER FOR PRESENT CLAIM (37 CFR 1.16(a))			

### SMALL ENTITY

RATE (%)	ADDITIONAL FEE (\$)
25	
100	
TOTAL	

OR

### OTHER THAN SMALL ENTITY

RATE (%)	ADDITIONAL FEE (\$)
50	
200	
TOTAL	

AMENDMENT B	Column 1	Column 2	Column 3
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT FEE
1, 20, 21,			
Total			
Independent			
Application Size Fee (37 CFR 1.16(a))			
FIRST PRESENTED CLAIM NUMBER FOR PRESENT CLAIM (37 CFR 1.16(a))			

### SMALL ENTITY

RATE (%)	ADDITIONAL FEE (\$)
TOTAL	

OR

### OTHER THAN SMALL ENTITY

RATE (%)	ADDITIONAL FEE (\$)
TOTAL	

1. This fee schedule applies to all patent applications filed on or after January 1, 2001, and to all patent applications filed on or after January 1, 2002, that are classified in the International Patent Classification (IPC) Class B01D 23/02, B01D 23/04, B01D 23/06, B01D 23/08, B01D 23/10, B01D 23/12, B01D 23/14, B01D 23/16, B01D 23/18, B01D 23/20, B01D 23/22, B01D 23/24, B01D 23/26, B01D 23/28, B01D 23/30, B01D 23/32, B01D 23/34, B01D 23/36, B01D 23/38, B01D 23/40, B01D 23/42, B01D 23/44, B01D 23/46, B01D 23/48, B01D 23/50, B01D 23/52, B01D 23/54, B01D 23/56, B01D 23/58, B01D 23/60, B01D 23/62, B01D 23/64, B01D 23/66, B01D 23/68, B01D 23/70, B01D 23/72, B01D 23/74, B01D 23/76, B01D 23/78, B01D 23/80, B01D 23/82, B01D 23/84, B01D 23/86, B01D 23/88, B01D 23/90, B01D 23/92, B01D 23/94, B01D 23/96, B01D 23/98, B01D 24/00, B01D 25/00, B01D 26/00, B01D 27/00, B01D 28/00, B01D 29/00, B01D 30/00, B01D 31/00, B01D 32/00, B01D 33/00, B01D 34/00, B01D 35/00, B01D 36/00, B01D 37/00, B01D 38/00, B01D 39/00, B01D 40/00, B01D 41/00, B01D 42/00, B01D 43/00, B01D 44/00, B01D 45/00, B01D 46/00, B01D 47/00, B01D 48/00, B01D 49/00, B01D 50/00, B01D 51/00, B01D 52/00, B01D 53/00, B01D 54/00, B01D 55/00, B01D 56/00, B01D 57/00, B01D 58/00, B01D 59/00, B01D 60/00, B01D 61/00, B01D 62/00, B01D 63/00, B01D 64/00, B01D 65/00, B01D 66/00, B01D 67/00, B01D 68/00, B01D 69/00, B01D 70/00, B01D 71/00, B01D 72/00, B01D 73/00, B01D 74/00, B01D 75/00, B01D 76/00, B01D 77/00, B01D 78/00, B01D 79/00, B01D 80/00, B01D 81/00, B01D 82/00, B01D 83/00, B01D 84/00, B01D 85/00, B01D 86/00, B01D 87/00, B01D 88/00, B01D 89/00, B01D 90/00, B01D 91/00, B01D 92/00, B01D 93/00, B01D 94/00, B01D 95/00, B01D 96/00, B01D 97/00, B01D 98/00, B01D 99/00, B01D 100/00, B01D 101/00, B01D 102/00, B01D 103/00, B01D 104/00, B01D 105/00, B01D 106/00, B01D 107/00, B01D 108/00, B01D 109/00, B01D 110/00, B01D 111/00, B01D 112/00, B01D 113/00, B01D 114/00, B01D 115/00, B01D 116/00, B01D 117/00, B01D 118/00, B01D 119/00, B01D 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